

**SYSTEM AND METHOD FOR  
SELECTING SAMPLE STREAMS IN DIRECT  
SEQUENCE SPREAD SPECTRUM COMMUNICATION**

**ABSTRACT OF THE DISCLOSURE**

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A RAKE receiver with demodulating fingers is presented  
having the capability to assign a specific sample stream, from among a  
plurality of received sample streams, to any of the demodulating fingers.  
The demodulating finger includes a MUX to receive the plurality of  
10 sample streams. Commands from a controller to the MUX of a  
demodulating finger select a specific sample stream to be demodulated by  
that demodulating finger. Since each demodulating finger receives all the  
sample streams, and any sample stream can be selected, the receiver has  
the flexibility of optimally varying the assignment of demodulating  
15 fingers to sample streams. A method for selecting a sample stream for  
demodulation, from among a plurality of sample streams, is also provided.

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